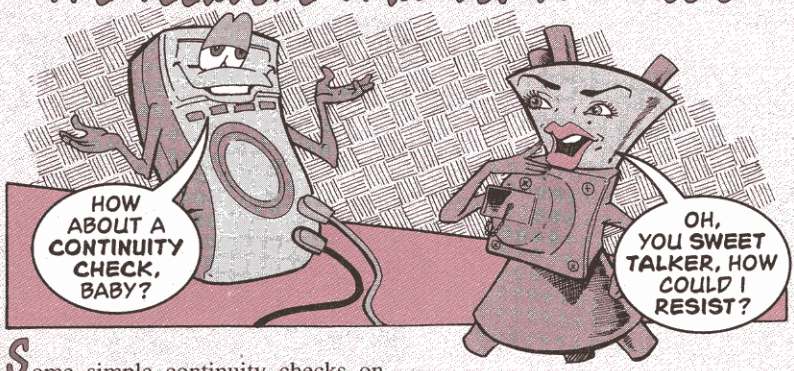
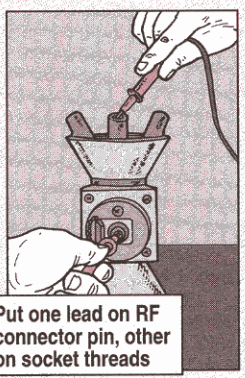
The Feedcone That Couldn't Resist



Some simple continuity checks on your OE-254 antenna feedcone can alert you to open circuits, which can stop transmission cold. That's why it's important to do the checks right. Here's how:

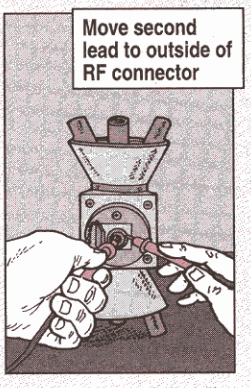
1. If your multimeter has a switch for manually selecting ohm ranges, set it to the lowest range.

2. Put one multimeter lead on the center pin of the UG-680B RF connector. Keep it there throughout the checks.



3. Touch the second lead to the threads inside all six antenna sockets. Each reading should be near zero ohms.

4. Then put the second lead on the outside of the RF connector. Once again, the resistance should be near zero ohms. That's not the reading you'll get when you test many other pieces of equipment. Usually, when you check continuity between a center pin and the outside of a connector, the multimeter reads infinite resistance. Not so with the feedcone assembly. Because of its design, near zero ohms is what you should read.



If you get a reading other than that during any check, replace the feedcone.

For more information on running continuity checks on your OE-254 antenna, read Para 4-6 of TM 11-5985-357-13.